



TaqMan RT-PCR Results

Client: Booms Pharm

Order: 4330

Target pathogen: Hop Latent Viroid

21 August 2025

**Order details:****Client:** Booms Pharm**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 08/11/2025**Date Received:** 08/14/2025**Date Reported:** 08/21/2025**Total samples:** 10**NUMBER SAMPLES INFECTED:** 0**Results interpretation:****C_T (cycle threshold)** - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.**Control** - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.FRESH: <24 - 27 C_TEXCELLENT: 27 - 30 C_TGREAT: 30 - 32 C_TOKAY: 32 - 35 C_TFAIL: >35 C_T**HLVd** - Detection C_T and relative amount of HLVd in the sample:HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	31.76	-	+
.Positive 2	-	-	29.36	+
CA112648	29.37	-	-	-
CA112649	32.24	-	-	-
CA112650	31.32	-	-	-
CA112651	29.34	-	-	-
CA112652	28.98	-	-	-
CA112653	29.43	-	-	-
CA112654	30.09	-	-	-
CA112655	29.39	-	-	-
CA112656	33.29	-	-	-
CA112657	31.87	-	-	-

Amplification Plots:

RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2



